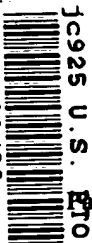


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Page 1

**NEW UNITED STATES UTILITY PATENT APPLICATION**  
under 37 C.F.R. 1.53(b)

Atty. Docket No.18093/1136

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CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10: The undersigned hereby certifies that this United States Patent Application and all papers noted herein as being attached, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10 today, **September 22, 2000** and is addressed to: Box: Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams, Ph.D.

Assistant Commissioner of Patents  
Box Patent Applications  
Washington, D.C. 20231

Express Mail Label No.:EL591996459US

Enclosed herewith is a new patent application and the following papers:

First Named Inventor (or application identifier): Stephen J. Russell, Kah-Whye Peng, Adele Fielding, Deanna Grote

Title of Invention: **METHOD FOR TREATING CANCER USING AN  
ATTENUATED MEASLES VIRUS**

1. ☒ Specification 30 pages (including specification, claims, abstract) / 48 claims (1 independent)
2. ☒ Declaration/Power of Attorney is:
  - ☒ attached in the regular manner (unexecuted).
  - ☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 5 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☐ Preliminary Amendment.
5. ☐ Information Disclosure Statement
  - ☐ Form 1449
  - ☐ A copy of each cited prior art reference
6. ☐ Assignment with Cover Sheet.
7. ☐ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

- ☐ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

8. ☐ Priority document(s).
9. ☒ Statement Claiming Small Entity Status (executed).

09/22/00 09/22/00 09/22/00

**NEW UNITED STATES UTILITY PATENT APPLICATION**  
under 37 C.F.R. 1.53(b)

Page 2

Atty. Docket No.18093/1130

10. ☐ Microfiche Computer Program (Appendix).
11. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.
12. Calculation of Fees:

FEES FOR	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))			\$690.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	28	18.00	\$504.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	1	82.00	\$82.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	Y	.00	\$0.00
Subtotal – Filing Fee Due			\$1,276.00
REDUCE BY (%)   (\$)			
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	0.50		\$638.00
<b>TOTAL FILING FEE DUE</b>			<b>\$0.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0	40.00	\$0.00
<b>GRAND TOTAL DUE</b>			<b>\$638.00</b>

13. PAYMENT is:  
☒ included in the amount of the GRAND TOTAL by our enclosed check. A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit our Deposit Account No. 16-0085 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.  
☐ not included; will be paid with response to Notice of Missing Parts.
14. All correspondence for the attached application should be directed to:

PALMER AND DODGE, LLP  
One Beacon Street  
Boston, MA 02108  
Telephone: (617) 573-0100  
Facsimile: (617) 227-4420

Date: 9-22-00

By Kathleen Williams  
Kathleen M. Williams, Ph.D  
Reg. No. 34,380

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant or Patentee: Fielding, et al.  
Serial No.: Not Yet Assigned  
Filed: September 22, 2000  
Entitled: METHOD OF LIMITING CANCER CELL GROWTH WITH AN  
ATTENUATED MEASLES VIRUS  
Attorney Docket No.: 180930/1130

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 C.F.R. §§1.9(f) AND 1.27(b)) - NONPROFIT ORGANIZATION**

Sir:

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: Mayo Foundation for Medical Education and Research

ADDRESS OF ORGANIZATION:

200 First Street Southwest  
Rochester, Minnesota 55905

TYPE OF ORGANIZATION:

☐ University or other institution of higher education

☐ Tax Exempt Organization under Internal Revenue Service Code (26 U.S.C. §§501(a) and 501(c)(3))

☐ Nonprofit Scientific or Educational Institution under laws of a State of the United States  
NAME OF STATE:

CITATION OF STATE LAW:

☐ Organization that would qualify as a Tax Exempt Organization under Internal Revenue Service Code (26 U.S.C. §§501(a) and 501(c)(3)), if located in the United States

☒ Organization that would qualify as a Nonprofit Scientific or Educational Institution under the laws of a State of the United States, if located in the United States

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 C.F.R. §1.9(e) for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code, with regard to the invention described in the patent or application identified above.

**'METHOD OF LIMITING CANCER CELL GROWTH WITH AN ATTENUATED MEASLES  
VIRUS'**

by inventor(s): Fielding, et al.

described in

☒ the specification filed herewith

☐ Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

☐ Patent No. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with said nonprofit organization with regard to the invention described in the patent or application identified above.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small entity under 37 C.F.R. §1.9(f) or by any concern which would not qualify as a small business concern under 37 C.F.R. §1.9(d) or a nonprofit organization under 37 C.F.R. §1.9(e).

Rick F. Colvin

NAME OF PERSON SIGNING

Mayo Foundation for Medical Education and Research

200 First Street, SW, Rochester, Minnesota, 55905

Rick F. Colvin  
SIGNATURE

9/22/00  
DATE